L Number	Hits	Search Text	DB	Time stamp
6	24381	(target\$5 or destinat\$5 or track or sector) near10 (start or begin\$7) nea10	USPAT	2003/08/04
		(seek\$5 or search\$5) and 360/75-78.15.ccls.	 	11.50
7	32	(actuator) near10 (current or bias\$5) near10 (seek\$5 or search\$5) near5 (time)	USPAT;	2003/08/04
		and 360/75-78.15.ccls.	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	13:31
8	6	(actuator) near10 (current or bias\$5) near10 (seek\$5 or search\$5) near5 (time) same (controller or microcontroller) and	USPAT; US-PGPUB; EPO; JPO;	2003/08/04 14:03
		360/75-78.15.ccls.	DERWENT; IBM TDB	
-	46	(record\$5 or writ\$5) near10 (segments or tracks or areas or sectors) near10 (coherent\$5 or constant) near5 phase	USPAT	2003/08/01 12:54
_	36	(seek\$5 or search\$5) same (coherent near phase)	USPAT	2003/07/14
-	20	(seek\$5 or search\$5) same (coherent near phase) and 360/\$.ccls.	USPAT	12:31 2003/07/14
-	788	(constant) near5 rate and 360/\$.ccls.	USPAT	12:31 2003/07/14 11:07
-	2	(constant) near5 rate and 360/\$.ccls. and ((seek\$5 or search\$5) same (coherent near phase) and 360/\$.ccls.)	USPAT	2003/07/14 11:07
_	0	rotational near phase near10 coherent near phase and 360/\$.ccls.	USPAT	2003/07/14
_	0		USPAT	2003/07/14
_	0	rotat\$5 near phase same coherent near phase and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO;	2003/07/14
			DERWENT; IBM_TDB	
_	2	(rotat\$5 or angular or angle) near phase same coherent near phase and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/14
_	5		IBM_TDB USPAT	2003/07/14
-	376	phase) and skew constant near10 skew	USPAT	13:01 2003/07/14
_	81	constant near10 skew and 360/\$.ccls.	USPAT	13:02 2003/07/14 13:02
-	0	((seek\$5 or search\$5) same (coherent near phase) and 360/\$.ccls.) and (constant near10 skew and 360/\$.ccls.)	USPAT	2003/07/14 13:03
_	1	(constant near10 skew and 360/\$.ccls.) and 360/77.08.ccls.	USPAT	2003/07/14
-	5	((seek\$5 or search\$5) same (coherent near phase) and 360/\$.ccls.) and skew	USPAT	2003/07/14
-	. 81	(constant or "same") near10 skew near10 (tracks or sectors)	USPAT	2003/07/14
_	44	(constant or "same") near10 skew near10 (tracks or sectors) and 360/\$.ccls.	USPAT	2003/07/14 13:10
-	3	(constant or "same") near10 skew near10 (tracks or sectors) and 360/77.08.ccls.	USPAT	2003/07/14 13:28
_	5	(seek\$5 or search\$5) near5 (rotat\$5) near5 phase and 360/\$.ccls.	USPAT	2003/07/14 13:31
_	49	(seek\$5 or search\$5) near5 (rotat\$5) near5 phase	USPAT	2003/07/14 13:36
-	139	360/76.ccls.	USPAT	2003/07/14 13:36
_	6	360/76.ccls. and 360/77.08.ccls.	USPAT	2003/07/14
_	7136	phase near10 (writ\$5 or record\$5) near10 (data or information)	USPAT	2003/07/14 14:47

1135					
16882   ([phase near10 (writ\$5 or record\$5]   14   14:94   14:95   16:95   1		1135		USPAT	2003/07/14
near10 (data or information)) and 360/8.ccla.) and coherent near phase (((phase near10 (writ\$5 or record\$5) near10 (data or information)) and 360/8.ccls.) and coherent near phase) and (ssek\$5 or search\$5)		47		ידעקצון	
165993 ((phase near10 (writ\$5 or record\$5)   near10 (data or information)) and   360/\$.ccls.) and coherent near phase   and   (speak5 or search\$5)   11 ((phase near10 (rotation)) and   360/\$.ccls.) and coherent near phase) and   (speak5 or search\$5)   USPAT   2003/07/14   14:52   2   "09259554"		• '		051711	
neari10 (data or information)) and 360/3.ccls.) and coherent near phase) ans (ssek\$5 or search\$5)   USPAT   2003/07/14   14:52   2003/07/12   15:52   2003/07/12   2003/0	ļ	ļ			
360/S.ccls.) and coherent near phase) ans (sseekS or search\$5)	_	165893		USPAT	1
(ssek\$5 or search\$5)   (write\$5 or record\$5)   (rotational near phase near10 (constant or segment or serve or segment or serve or segment or serve or sector)   14 ((rotational near phase) and (saek\$5 or search\$5)   (rotational near phase)   (rotational					14:50
14					
near10 (data or information) and 360%; ccls.) and coherent near phase) and (ssek\$5 or search\$5)   USPAT; US-PGPUB; EPO; JPO; DERMENT; IBM TDB USPAT; US-PGPUB; US-	<del>-</del>	14		USPAT	2003/07/14
Sask\$5 or search\$5					,
2			360/\$.ccls.) and coherent near phase) and		
1					
Contation\$5 or angular\$5) near3 phase   near10 coherent near10 track   September   Septe	_	2	"09259554"		
1					10:00
1					
1					
Crotation\$5 or angular\$5 near3 phase   SPO; JPO; DERWENT; IRM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IRM TDB   USPAT   USPAT   USPAT   USPAT   USPAT   USPAT   USPAT   USPAT; US-PGPUB; EPO; JPO; DERWENT; IRM TDB   USPAT   USPAT; US-PGPUB; EPO; JPO; DERWENT; IRM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB	_	1		_	2003/07/22
10			near10 coherent near10 track	US-PGPUB;	10:02
10   (rotation\$5 or angular\$5) near\$ phase   USPĀT; US-PGPUB; EPO: JPO: DERWENT; INM TDB USPĀT (US-PGPUB; EPO: JPO: DERWENT; INM TDB USPĀT (VOICE PERWENT); INM TDB USPĀT; US-PGPUB; EPO: JPO: DERWENT; US-PGPUB;					
10   (rotation\$5 or angular\$5) near3 phase   USPĀT; USPCPUB; EPO; JPO; DERWENT; ISM TDB   USPĀT				· ·	
Same coherent same track	_	10	(rotation\$5 or angular\$5) near3 phase		2003/07/22
26		10			
TRM_TDB					
26				· ·	
Coherent same track			(		2002/07/22
- 14 coherent near3 phase near10 track and 360/51.ccls.   EPO; JPO; DERWENT; IBM_TDB USPAT; 2003/07/22   10:14   EPO; JPO; DERWENT; IBM_TDB USPAT; 2003/08/01   13:55   10:14   EPO; JPO; DERWENT; IBM_TDB USPAT; 2003/08/01   10:14   10:14   EPO; JPO; DERWENT; IBM_TDB USPAT; 2003/08/01   10:14   EPO; JPO; DERWENT; IBM_TDB USPAT; 2003	_	26			
- 14 coherent near3 phase near10 track and 360/51.ccls.   DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT 2003/08/01 13:55   USPAT 2003/08/01 13:55   USPAT 2003/08/01 13:48   USPAT 2003/08/01 13:48   USPAT 2003/08/01 13:55   USPAT 2003/08/01 13:57   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; USPGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; U		•	conerent same track		10:11
14   Coherent near3 phase near10 track and   USPAT;   USPGPUB;   EPO; JPO;   DERWENT;   IBM TDB   USPAT   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT;   USPAT   US					
360/51.ccls.   US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; IBM TDB USPAT   USPAT USPAT   US					
Totational near3 phase near10 track and 360/51.ccls.  Totational near phase near10 track and 360/31,42,51,75.ccls.  Totational near phase) and 360/31,42,51,75.ccls.  Totational near phase near10 (constant or "same" or equal)  Totational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  Totational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  Totational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  Totational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  Totational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  Totational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  Totational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  Totational near phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and c	_	14		USPAT;	2003/07/22
- 7 rotational near3 phase near10 track and 360/51.ccls.  - 1682 rotational near phase - 35 (rotational near phase) and 360/31,42,51,75.ccls 33 ((rotational near phase) and 360/31,42,51,75.ccls.) and (track or segment or servo or sector) rotational near phase near10 (constant or "same" or equal)  - 91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			360/51.ccls.		10:14
- 1682 rotational near phase near10 track and 360/51.ccls.  - 1682 rotational near phase - 35 (rotational near phase) and 360/31,42,51,75.ccls 360/31,42,51,75.ccls 37 ((rotational near phase) and 360/31,42,51,75.ccls.) and (track or segment or servo or sector) rotational near phase near10 (constant or "same" or equal)) - 380 ((rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase 360/\$.ccls.  - 391854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 391854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 391854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 391854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 391854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 391854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.					
Totational near3 phase near10 track and 360/51.ccls.  1682 rotational near phase   USPAT   USPAT   1003/08/01   13:55   10:14				1	
360/51.ccls.   US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   USPAT   2003/08/01   13:55   2003/08/01   13:55   2003/08/01   13:55   2003/08/01   2003/08/	<del> </del>	7	rotational near3 phase near10 track and		2003/07/22
DERWENT; IBM_TDB USPAT 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:55 2003/08/01 13:57 2003/08/01 13:57 2003/08/01 13:57 2003/08/01 13:57 2003/08/01 13:57 2003/08/01 13:57 2003/08/01 13:57 2003/08/01 13:57 2003/08/01 14:03 2003/08/01 14:12 2003/08/01 14:14 2003/08/01 14:14 2003/08/01 14:14 2003/08/01 14:14 2003/08/01 14:14				· ·	
- 1682 rotational near phase					
- 1682 rotational near phase  35 (rotational near phase) and 360/31,42,51,75.ccls.  36 ((rotational near phase) and 360/31,42,51,75.ccls.) and (track or segment or servo or sector)  289 rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  2003/08/01 13:55  USPAT 2003/08/01 13:55  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; Phase Phase near10 (constant or "same" or equal)) and coherent near5 phase PGPUB; EPO; JPO; DERWENT; Phase	}				
35		1,600	notational many whose		2002/00/01
- 35 (rotational near phase) and 360/31,42,51,75.ccls. ((rotational near phase) and 360/31,42,51,75.ccls.) and (track or segment or servo or sector) rotational near phase near10 (constant or "same" or equal) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; Phase 360/\$.ccls. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	_	1602	rotational hear phase	USPAI	
33 360/31,42,51,75.ccls. ((rotational near phase) and 360/31,42,51,75.ccls.) and (track or segment or servo or sector)  - 289 rotational near phase near10 (constant or "same" or equal)  - 91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase 360/\$.ccls.  - 0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase	_	35	(rotational near phase) and	USPAT	
360/31,42,51,75.ccls.) and (track or segment or servo or sector) rotational near phase near10 (constant or "same" or equal)  91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase 360/\$.ccls.  0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  2003/08/01 13:55  2003/08/01 14:03  EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB					,,
segment or servo or sector) rotational near phase near10 (constant or "same" or equal)  91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase 360/\$.ccls.  0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  2003/08/01 13:57 2003/08/01 14:03 EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT; EPO; JPO; DERWENT;	-	33	((rotational near phase) and	USPAT	
rotational near phase near10 (constant or "same" or equal)  91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase 360/\$.ccls.  0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  2 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase phase phase phase near10 (constant or "same" or equal)) and coherent near5 phase ph					13:55
"same" or equal)  "same" or equal)) and coherent near5  phase 360/\$.ccls.  "same" or equal)) and coherent near5  or "same" or equal)) and coherent near5  phase and 360/\$.ccls.  "same" or equal)) and coherent near5  phase and 360/\$.ccls.  "same" or equal)) and coherent near5  phase	l _	200		IICDAM.	2002/09/01
91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase 360/\$.ccls.  0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase  2003/08/01 14:12  EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	-	289			
91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase 360/\$.ccls.  0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  2003/08/01 USPAT; EPO; JPO; DERWENT; IBM TDB USPAT; Or "same" or equal)) and coherent near5 phase USPAT; US-PGPUB; EPO; JPO; DERWENT;			Jame or equar,		13.37
- 91854 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase 360/\$.ccls.  - 0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase near10 (constant or "same" or equal)) and coherent near5 phase  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  - 2003/08/01 14:03  - 2003/08/01  - 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  - 2003/08/01				1	
or "same" or equal)) and coherent near5 phase 360/\$.ccls.  O (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  I (rotational near phase near10 (constant or "same" or equal)) and coherent near5 or "same" or equal)) and coherent near5 phase  US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;				IBM_TDB	
phase 360/\$.ccls.    Po; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; Phase and 360/\$.ccls.   Po; JPO; DERWENT; IBM_TDB   USPAT; US-PGPUB; Phase and 360/\$.ccls.   Po; JPO; DERWENT; IBM_TDB   USPAT; USPA	] -	91854		· ·	
O (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;					14:03
- 0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase    IBM_TDB   US-PGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   US-PGPUB;   EPO; JPO;   DERWENT;   EPO;			phase 300/3.CCIS.		
- 0 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  2003/08/01 14:12  EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;				1	
or "same" or equal)) and coherent near5 phase and 360/\$.ccls.  1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase  US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;	-	0	(rotational near phase near10 (constant	_	2003/08/01
The second state of the second			or "same" or equal)) and coherent near5		
- 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase   IBM_TDB USPAT;   2003/08/01   US-PGPUB;   EPO; JPO;   DERWENT;   DERWENT;			phase and 360/\$.ccls.	EPO; JPO;	
- 1 (rotational near phase near10 (constant or "same" or equal)) and coherent near5 phase Phase   USPAT;   2003/08/01   14:14   EPO; JPO; DERWENT;					
or "same" or equal)) and coherent near5 US-PGPUB; 14:14 phase EPO; JPO; DERWENT;	_	] ,	(rotational near phase near10 (constant	_	2003/08/01
phase EPO; JPO; DERWENT;					
DERWENT;					
IBM TDB			<u>-</u>	1	
	L	<u> </u>		IBM_TDB	

-	220	(rotational near phase near10 (constant or "same" or equal)) and (coherent or constant or "same") near5 phase	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/01 14:22
_	40	(rotational near phase near10 (constant or "same" or equal)) and (coherent or constant or "same") near5 phase and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/01 14:23
_	23	(rotational near phase near10 (constant or "same" or equal)) and (coherent or constant or "same") near5 phase same (track or servo or sector or area or burst) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/01 14:46
_	2		IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 14:57
_	38	rotation\$5 near3 phase near10 (track or sector or servo or burst) and (concentric) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 15:26
-	34	(angle or angul\$5) near3 phase near10 (track or sector or servo or burst) and (concentric) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 15:55
_	200	("same" or equal or identical or coherent or similar) near10 (rotation\$5 or angular or angle) near10 (phase) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 16:08
-	166	("same" or equal or identical or coherent or similar) near10 (rotation\$5 or angular or angle) near10 (phase) and 360/\$.ccls. not concentric	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 16:11
_	23	("same" or equal or identical or coherent or similar) near10 (rotation\$5 or angular or angle) near10 (phase) near5 (track or sector) and 360/\$.ccls. not concentric	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 16:22
_	30	("same" or equal or identical or coherent or similar) near10 (rotation\$5 or angular or angle) near10 (phase) near5 (track or sector) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/01 16:38
-	2	5796543.pn.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/01 16:30
-	30	("same" or equal or identical or coherent or similar) near10 (rotation\$5 or angular or angle) near10 (phase) near5 (track or sector or bursts) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/01 17:02
_	60	skew near5 phase and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 16:41
_	0	("same" or equal or identical or coherent or similar) near10 (rotation\$5 or angular or angle) near5 (phase) near5 (skew) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 17:04

-	0	("same" or equal or identical or coherent or similar) near5 (phase) near5 (skew) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/01 17:08
-	58	("same" or equal or identical or coherent or similar) near5 (skew\$5) near10 (track or sector) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 17:09
_	8	("same" or equal or identical or coherent or similar) near5 (skew\$5) near10 (track or sector) and 360/76.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 17:12
_	58	("same" or equal or identical or coherent or similar) near5 (skew\$5) near10 (track or sector) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/01 17:20
-	24	(rotation or rotational or rotating or rotate or angular or angle) near5 phase near5 (track or sector or segment) near5 ("same" or constant or identical or equal or similar or relative) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 10:16
-	0	(rotation or rotational or rotating or rotate or angular or angle) near5 phase near5 (data near segment) near5 ("same" or constant or identical or equal or	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 12:13
-	1	similar or relative) and 360/\$.ccls. (writ\$5 or record\$5) near10 (track or sector or data near segment) near10 coherent near10 (angular or angle or rotation\$5 or rotat\$5) near3 phase near15	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02
-	3	coherent and 360/\$.ccls. (writ\$5 or record\$5) near10 (track or sector or data near segment) near10 (angular or angle or rotation\$5 or rotat\$5) near3 phase and coherent and	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 11:03
-	79	360/\$.ccls. (writ\$5 or record\$5) near10 (track or sector or data near segment) near10 (angular or angle or rotation\$5 or rotat\$5) and coherent and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/02 11:05
-	2	5796543.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 14:25
_	2	(controller or microcontroller) same (transducer or servo near circuit) same phase near3 coherent and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/02 11:29
-	2	(controller or microcontroller) same (transducer or servo near circuit) same phase near3 coherent same (writ\$5 or record\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/02 11:31
-	0	(start or begin\$5) near4 phase same (end) near3 phase same coherent and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/02 12:10
_	0	(rotation or rotational or rotating or rotate or angular or angle) near5 phase near5 (data near segment) near5 (values) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/02 12:14

-	5	(rotation or rotational or rotating or rotate or angular or angle) near5 phase near5 (track or sector) near5 (values) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 12:15
-	9	(rotation or rotational or rotating or rotate or angular or angle) near5 phase near5 (track or sector) near10 (predetermined) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 13:29
-	1	(track or sector) near10 offset near10 (predetermined) near5 skew\$5 and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 13:29
-	3	concentric near5 zone same (track or sector) near5 (data near segment) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 14:28
-	151	concentric near5 zone same (track or sector) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 14:40
-	19	concentric near5 zone same (track or sector) and (track or sector) near10 (data near segment) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02
-	21	(constant or "same" or equal) near rate near10 transfer\$5 near5 data and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/02 15:03
-	1	(constant or "same" or equal) near rate near10 transfer\$5 near5 data and (concentric near (track or zone)) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/02 15:04
-	0	(constant or "same" or equal) near rate near10 transfer\$5 near5 data and (coherent near (track or zone)) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 15:04
-	0	(constant or "same" or equal) near rate near10 transfer\$5 near5 data and (consistent near (track or zone)) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 15:05
-	0	(constant or "same" or equal) near rate near10 transfer\$5 and (consistent near (track or zone)) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 15:06
-	0	(constant or "same" or equal) near rate near10 transfer\$5 and (coherent near (track or zone)) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 15:06
-	0	(constant or "same" or equal) near10 rate near10 transfer\$5 and (coherent near (track or zone)) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/02 15:06
_	4	(constant or "same" or equal) near10 rate and (coherent near (track or zone)) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/02 15:10

_	4	(constant or "same" or equal) near10 rate and (coherent near (track or sector or zone)) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02
-	4	(constant or "same" or equal) near10 (rate or buffer) and (coherent near (track or sector or zone)) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 15:16
-	0		IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/08/02 15:18
-	o	(constant or "same" or equal) near10 (tranfer\$5) and (coherent near (track or sector or zone)) and 360/\$.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 15:18
-	125	<pre>(receiv\$5 or obtain\$5) near15 (partition\$5 or divid\$5 or separat\$5) near15 (parts or segment) same (writ\$5 or record\$5) and 360/\$.ccls.</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 16:18
_	26	(partition\$5 or divid\$5 or separat\$5) near15 (parts or segment) near10 (track or sector) same (writ\$5 or record\$5) and	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 16:26
-	36	360/\$.ccls. (receiv\$5 or obtain\$5) near15 (partition\$5 or divid\$5 or separat\$5) near15 (parts or segment) near10 (track or sector) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 16:56
_	233	(determin\$5) near15 ((rate) or buffer) near5 (writ\$ or record\$5) same (read\$5 or reproduc\$5) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 17:28
-	11	(determin\$5) near15 (rate near5 transfer) near5 (writ\$ or record\$5) same (read\$5 or reproduc\$5) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 17:48
-	5	(track or sector or segment or servo) near15 (predetermin\$3) near10 skew\$5 and coherent and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 17:51
-	17	(track or sector or segment or servo) near15 (predetermin\$3 or "same" or similar or relative or constant) near10 skew\$5 and coherent and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 17:57
-	0	near15 (predetermin\$3 or "same" or similar or relative or constant) near10 (azimuth or misalignment) and coherent	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 17:59
-	4	near15 (predetermin\$3 or "same" or similar or relative or constant) near10 (azimuth or misalignment) and coherent	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 18:04
-	33	and 360/\$.ccls. (chosen or choos\$5 or select\$5) near10 skew near10 (track or sector or servo) and 360/\$.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/02 18:37
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=	0	(controller or microcontroller) near10	USPAT;	2003/08/02
		(writ\$5 or record\$5) near (tracks or	US-PGPUB;	19:43
		servo or sector or data near segment)	EPO; JPO;	
		near10 coherent near5 phase and	DERWENT;	
	ļ	360/\$.ccls.	IBM TDB	
_	12	(controller or microcontroller) and	USPAT;	2003/08/02
		(writ\$5 or record\$5) near (tracks or	US-PGPUB;	20:29
		servo or sector or data near segment)	EPO; JPO;	
		near10 coherent near5 phase and	DERWENT;	
		360/\$.ccls.	IBM_TDB	
-	34	(seek\$5 or search\$5) near15 (tracks or	USPAT;	2003/08/02
		servo or sector or data near segment)	US-PGPUB;	20:31
		near10 phase and (seek\$5 or search\$5)	EPO; JPO;	
		near10 (length or distance) near10	DERWENT;	
		(destination or target) and 360/\$.ccls.	IBM_TDB	